

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Atsushi YAMAGUCHI

Group Art Unit: 2627

Application No.: 10/588,163

Filed: August 1, 2006

Docket No.: 128939

For: EXPOSURE APPARATUS, EXPOSURE METHOD, POSITION CONTROL METHOD,
AND METHOD FOR PRODUCING DEVICE

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 1-38.
- 3. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 4. An English language Abstract of one or more non-English language reference is attached hereto. See References 14-32 and 34-38.

- 5. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and is attached, but has not been reviewed for accuracy. See References 15, 17, 19-20, 22-29, 31-32 and 34-37.
- 6. References 22 and 23, corresponds to references 2,3,4, and 5. Reference 24 corresponds to references 6 and 7. Reference 38 corresponds to reference 13.

Respectfully submitted,



Mario A. Costantino
Registration No. 33,565

Jeffrey R. Bousquet
Registration No. 57,771

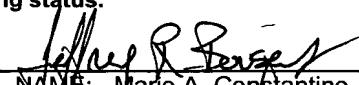
MAC:JRB/ejw

Date: October 13, 2006

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
--

FORM PTO-1390 (REV. 01-2003) US DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 128939
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/588,163
INTERNATIONAL APPLICATION NO. PCT/JP2005/001993	INTERNATIONAL FILING DATE February 3, 2005	PRIORITY DATE CLAIMED February 4, 2004
TITLE OF INVENTION EXPOSURE APPARATUS, EXPOSURE METHOD, POSITION CONTROL METHOD, AND METHOD FOR PRODUCING DEVICE		
APPLICANT(S) FOR DO/EO/US Atsushi YAMAGUCHI		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). c. <input type="checkbox"/> The International Application was filed in English. 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information: 		

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.5) 10/588,163	INTERNATIONAL APPLICATION NO. PCT/JP2005/001993	ATTORNEY'S DOCKET NUMBER 128939			
21. <input type="checkbox"/> The following fees are submitted:		CALCULATIONS PTO USE ONLY			
BASIC NATIONAL FEE (37 CFR 1.492(a)): \$ 300.00		\$			
SEARCH FEE (37 CFR 1.492(b)(1)-(3)):		\$			
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$ 0.00					
International search fee (37 CFR 1.445(a)(2)) paid to USPTO as ISA..... \$ 100.00					
International search report provided to USPTO no later than the time at which the search fee is paid \$ 400.00					
All situations not provided for above \$ 500.00					
EXAMINATION FEE (37 CFR 1.492(c)(1)-(2)):		\$			
International preliminary examination report or written opinion prepared by the USPTO as IPEA or ISA and favorable as to novelty, inventive step, and industrial applicability for all claims presented in the application entering the national phase \$ 0.00					
All situations not provided for above \$ 200.00					
Surcharge of \$130.00 for furnishing the search fee, the examination fee or the oath or declaration after the date of commencement of the national phase (37 CFR 1.492(h)).		\$			
APPLICATION SIZE FEE Total pages - 100 =	÷ 50	= †	x 250 =	\$	
†round up to next integer					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
TOTAL CLAIMS	- 20	=	x 50.00 =	\$	
INDEPENDENT CLAIMS	- 3	=	x 200.00 =	\$	
MULTIPLE DEPENDENT CLAIM(S)(if applicable)			+ 360.00 =	\$	
TOTAL OF ABOVE CALCULATIONS =				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$.				\$	
				SUBTOTAL = \$	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
TOTAL FEES ENCLOSED =				\$	
				Amount to be refunded: \$	
				charged: \$	
a. <input type="checkbox"/> Check No. _____ in the amount of \$ _____ to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>15-0461</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: OLIFF & BERRIDGE, PLC Customer Number: 25944					
					NAME: Mario A. Constantino REGISTRATION NUMBER: 33,565
Date <u>October 13, 2006</u>					NAME: Jeffrey R. Bousquet REGISTRATION NUMBER: 57,771

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 128939	APPLICATION NO. 10/588,163
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Atsushi YAMAGUCHI			
		FILING DATE August 1, 2006	GROUP 2627		
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Date	Name	
	1	6,674,510	01/06/2004	JASPER et al.	
	2	6,341,007	01/22/2002	NISHI et al.	
	3	6,400,441	06/04/2002	NISHI et al.	
	4	6,549,269	04/15/2003	NISHI et al.	
	5	6,590,634	07/08/2003	NISHI et al.	
	6	5,969,441	11/29/2005	WELCH et al.	
	7	6,208,407	03/27/2001	LOOSTRA	
	8	5,825,043	10/20/1998	SUWA	
	9	5,623,853	04/29/1997	NOVAK et al.	
	10	5,528,118	06/18/1996	LEE	
	11	5,874,820	02/23/1999	LEE	
	12	2004/0207824	10/21/2004	LOF et al.	
	13	4,780,614	10/25/1988	KENNEY et al.	
FOREIGN PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number	Date	Country	With English Abstract With English Translation
	14	WO 99-49504	09/30/1999	WIPO	X
	15	JP A 08-037149	02/06/1996	JAPAN	X X
	16	JP A 04-065603	03/02/1992	JAPAN	X
	17	JP A 07-176468	07/14/1995	JAPAN	X X
	18	JP A 57-117238	07/21/1982	JAPAN	X
	19	JP A 2002-14005	01/18/2002	JAPAN	X X
	20	JP A 11-016816	01/22/1999	JAPAN	X X
	21	JP A 03-010105	01/17/1991	JAPAN	X
	22	JP A 10-163099	06/19/1998	JAPAN	X X
	23	JP A 10-214783	08/11/1998	JAPAN	X X
	24	JP A 2000-505958	05/16/2000	JAPAN	X X
	25	JP A 2000-164504	06/16/2000	JAPAN	X X
	26	JP A 2001-510577	07/31/2001	JAPAN	X X
	27	JP A 2001-513267	08/28/2001	JAPAN	X X

Date: October 13, 2006

	28	JP A 2000-323404	11/24/2000	JAPAN	X	X
	29	JP A 10-070065	03/10/1998	JAPAN	X	X
	30	JP A 02-153519	06/13/1990	JAPAN	X	
	31	JP A 06-188169	07/08/1994	JAPAN	X	X
	32	JP A 06-053120	02/25/1994	JAPAN	X	X
	33	WO 2004/019128 A2	03/04/2004	WIPO		
	34	JP A 06-124873	05/06/1994	JAPAN	X	X
	35	JP A 10-303114	11/13/1998	JAPAN	X	X
	36	JP A 08-166475	06/25/1996	JAPAN	X	X
	37	JP A 08-330224	12/13/1996	JAPAN	X	X
	38	JP A 61-044492	03/04/1986	JAPAN	X	

OTHER DOCUMENTS

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.